LAND APPLICATION SITE

S.G. STURT

DWSGS 1-21

DINWIDDIE COUNTY

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 10 -24-19 between Maiguist b Start Like referred to
here as "Landowner", and Recyc Systems, Inc. referred to here as the "Permittee". This agreement remains in effect
until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in
the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels
identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to
receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Dinwiddie, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
66-29	66-37A		
86-29A	66-37		
86-39	66-36		

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- The Landowner is the sole owner of the properties identified herein.
- × The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

- 1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
- Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

Class B biosolid	<u>Water treatn</u>	nent residuals	Food prod	cessing waste	Other indu	istrial sluc	iges
Yes □ N	lo 🗵 Yes 🛚] No	⊠Yes	□ No	Yes	□ No	
Printed name Margar et B. St. By: Margar Title* owner	et B. Stu	+ Loret	ress idewater to, VA 2	22509	Manga	92	B. Hut
THE COLUMN TWO IS NOT					or Truston or Do	war of atta	rnew atc
	have authority to sign						
	am a responsible offi C, municipality, state			behalf of the follo	owing corporation	i, partners	hip,

Permittee:

Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

Printed nam	ne	Mailing Address	Permittee- Authorized Representative
	Susan Trumbo	PO Box 562, Remington Virginia 22734	Signature
Title	Technical Manager	Phone No. 540-547-3300	Druko

Corl L. Betal

Permittee: Recyc Systems, Inc County or City: Dinwiddic
Landowner: Margaret B. Sturt Life Estate
Landowner Site Management Requirements:
I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.
I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.
I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:
 Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
 2. Public Access a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids. b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during
 this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols; c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
 3. Crop Restrictions: a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids. b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil, c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation. d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids; e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
 4. Livestock Access Restrictions: Following biosolids application to pasture or hayland sites: a. Meat producing livestock shall not be grazed for 30 days, b. Lactating dairy animals shall not be grazed for a minimum of 60 days. c. Other animals shall be restricted from grazing for 30 days;
 Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
 Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).
Landowner's Signature 10 24/19 Date
23219 Shippings Road McKenney VA 23872 904-478-4853 10/14/19

mailing address & phone

Operator's Signature

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPL	ICATION AGREEMENT -	BIPSOLIDS AND	INDUSTRIAL RESIDUALS	
until it is terminated in writing the event of a sale of one or	ecyc Systems, Inc, referred to by either party or, with responder more parcels, until ownership hanges, those parcels for wh	o here as the "Permitt ect to those parcels the of all parcels changoich ownership has ch	ARCMET B. STUT referred to ee". This agreement remains in efferent are retained by the Landowner in es. If ownership of individual parcels anged will no longer be authorized to	i
Landowner: The Landowner is the owner agricultural, silvicultural or redocumentation identifying ow	clamation sites identified belo	located in Dl~wln	から Nirginia, which includes the ntified on the tax map(s) with county	е
		vater treatment residi	uals or other industrial sludges	
Tax Parcel ID	Tax Parcel ID	Tax Parcel II	D Tax Parcel ID	-
66 29	66 · 38	rax Parcer II	Tax Parcer ID	1
	66-37A			
86 - Z9A	66-37			1
86 - 39	66-36			7
	Land Application Sites are identified	on Supplement A (check	if applicable)	_
_		•	,,	
· · · · · · · · · · · · · · · · · · ·	ndowner is the sole owner of ndowner is one of multiple ow			
within 38 months of the latest 1. Notify the purchaser than the date of the partial than the Permittee immediate application or any part of this The Landowner hereby grant	date of biosolids application, or transferee of the applicable or transferee of the applicable of the sale within two weeks fagreements for land applicately if conditions change such agreement becomes invalides permission to the Permittee ove and in Exhibit A. The Lafied above, before, during or service or transfer or the permittee or the sale with the sale of the	the Landowner shall e public access and coollowing property transion on the fields identified are not that the fields are not the information here to land apply residuandowner also grants after land application	rop management restrictions no later asfer. ified herein. The Landowner will longer available to the Permittee for the contained becomes incorrect. als as specified below, on the permission for DEQ staff to conduct of permitted residuals for the	
	• • • •	processing waste	Other industrial sludges	
	□ No ⊠Ye		⊠ Yes □ No	
Printed name MARCARET B: ST! By: Title* O WNER	Phone No. 804-	4TE TEAIL 22509 478-4213	Landowner Signature Worgand B. Shurt	1
* I certify that I have authority to				I
* I certify that I am a responsible		ct on behalf of the follow	ing corporation, partnership,	
proprietorship, LLC, municipality, s	tate or federal agency, etc.			
authorized by the VPA Permit Re prepared for each land applicatio The Permittee agrees to notify th	gulation and in amounts not to e n field by a person certified in ac e Landowner or the Landowner's	exceed the rates identific cordance with §10.1-10 designee of the propo	s on the Landowner's land in the manner ed in the nutrient management plan 14.2 of the Code of Virginia. sed schedule for land application and le the source of residuals to be applied.	
Printed name	Mailing Address		Permittee- Authorized Representative	1
Susan Trumbo Title Technical Manage		ngton Virginia 22734 647-3300	Signature	
Three reconficativianage	an Priorie No. 540-5	947-33UU	TXULXU	1

Permittee: Recyc Syste	ems, Inc	County or City:	DIN WIDDIE
	·B. STURT		
Landowner Site Management R	equirements:		
I, the Landowner, I have received a D land application of biosolids, the com	EQ Biosolids Fact S conents of biosolids	heet that includes informated and proper handling and	ation regarding regulations governing the land application of biosolids.
I have also been expressly advised b identified below must be complied wit that I am responsible for the impleme	h after biosolids have	e been applied on my pro	uirements and site access restrictions perty in order to protect public health, and
I agree to implement the following site of biosolids at the site:	e management practi	ices at each site under m	y ownership following the land application
 Notification Signs: I will not replace biosolids land application site, site is completed. 	move any signs posto unless requested by	ed by the Permittee for the the Permittee, until at lea	ne purpose of identifying my field as a sat as a sat as a sat as a sat and application at that
following any applicat b. Public access to land any application of bio this same period of tir aerosols:	ion of biosolids. with a low potential f solids. No biosolids ne unless adequate	for public exposure shall amended soil shall be ex provisions are made to p	be restricted for at least one year be restricted for at least 30 days following cavated or removed from the site during revent public exposure to soil, dusts or ted for one year after application of
biosolids when the ha unless otherwise sper	rvested turf is placed	d on either land with a hig	h potential for public exposure or a lawn,
shall not be harvested b. Food crops with harve application of biosolid months prior to incorp c. Food crops with harve biosolids remain on the	I for 14 months after ested parts below the swhen the biosolids poration into the soil, ested parts below the land surface for a fiber crops shall not	the application of biosolic e surface of the land shall remain on the land surface e surface of the land shall time period of less than for the harvested for 30 days	e and are totally above the land surface ds. I not be harvested for 20 months after the ace for a time period of four (4) or more I not be harvested for 38 months when the our (4) months prior to incorporation. Is after the application of biosolids; of biosolids (60 days if fed to lactating
Livestock Access Restrictions: Following biosolids applications: a. Meat producing livestory. b. Lactating dairy animatory. Other animals shall be	ation to pasture or ha ock shall not be graz Is shall not be grazed	ed for 30 days, d for a minimum of 60 da	ys.
 Supplemental commercial ferti residuals applications such tha management plan developed t 	t the total crop needs	s for nutrients are not exc	ed with the biosolids and industrial ceeded as identified in the nutrient -104.2 of the Code of Virginia;
Tobacco, because it has been years following the application pounds/acre (0.5 kilograms/he	of biosolids or indust	e cadmium, should not bo trial residuals which bear	e grown on the Landowner's land for three cadmium equal to or exceeding 0.45
Managart B Landowner Signature	truft.		12/20/19 Date
Operator's Signature		runn Rd Ney iVA 23872 Iress & phone 712-4936	12/26/19 Date

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

FC	ORM D: MUNICIPAL EFF	LUENT AND BIOSO	LIDS
PART D-VI: LAND APPL	ICATION AGREEMENT - E	NOSOLIDS AND INDU	STRIAL RESIDUALS
A. This land application agree here as "Landowner", and Reuntil it is terminated in writing the event of a sale of one or identified in this agreement of	ement is made on 2-16-20 ecyc Systems, Inc. referred to be by either party or, with respectance parcels, until ownership of	between SAMVE nere as the "Permittee". It to those parcels that are of all parcels changes. If h ownership has changed	referred to This agreement remains in effect retained by the Landowner in ownership of individual parcels d will no longer be authorized to
Landowner: The Landowner is the owner agricultural, silvicultural or redocumentation identifying owner.	of record of the real property local clamation sites identified below ners, attached as Exhibit A.	pocated in NINWIDDIE in Table 1 and identified	, Virginia, which includes the on the tax map(s) with county
Table 1.: Parcels aut	horized to receive biosolids, wa	ater treatment residuals o	r other industrial sludges
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
66-29	17811 OLD WHITE OAKRE	66-38	
86-39	"HARDY FAM"	66-37A	
		66-37	
86-29A		66-36	
☐ Additional parcels containing	Land Application Sites are identified	on Supplement A (check if appl	icable)
The La In the event that the Landow within 38 months of the lates 1. Notify the purchaser than the date of the 2. Notify the Permittee The Landowner has no other notify the Permittee immedia application or any part of this. The Landowner hereby gran agricultural sites identified at inspections on the land identified.	property transfer; and of the sale within two weeks for agreements for land applications change such agreement becomes invalid of the permission to the Permittee pove and in Exhibit A. The Larified above, before, during or a	ners of the properties ider of the property to which the Landowner shall: public access and crop rollowing property transfer. On on the fields identified that the fields are no long or the information herein to land apply residuals as adowner also grants permafter land application of permafter land application	nanagement restrictions no later herein. The Landowner will ger available to the Permittee for contained becomes incorrect. It is specified below, on the hission for DEQ staff to conduct termitted residuals for the
59/1 \$48/4000 MOVA \$50, 00 0	oliance with regulatory requirer		
Class B biosolids Water ☒ Yes ☒ No ☒ Yes			ther industrial sludges ☑ Yes / □ No
Printed name SAMVEL G. STUAT, II By: Title*	Mailing Address 3197 THELAT. LOWETTO VA Phone No. 804-7	EX TYXIIL 727.509 41-4439	and De la servicio del servicio della servicio dell
	to sign for the landowner as indicate	d by my title as executor, Trus	
*☐ I certify that I am a responsible proprietorship, LLC, municipality,	le official [or officer] authorized to a state or federal agency, etc.	ct on behalf of the following co	orporation, partnership,
authorized by the VPA Permit F	nittee, agrees to apply biosolids a legulation and in amounts not to e on field by a person certified in ac	xceed the rates identified in	the Landowner's land in the manner the nutrient management plan of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

Printed nam	ie	Mailing Address	Permittee- Authorized Representative
	Susan Trumbo	PO Box 562, Remington Virginia 22734	Signature
Title	Technical Manager	Phone No. 540-547-3300	Thurs

Rev 6/11/2018

Page 1 of 2

Permittee: _	Recyc Systems, Inc	County or City: _	DINWIDDIE	Court
Landowner:	SAMUEL G. STURT, II	•		
_andowner S	Site Management Requirements:			
, the Landowne and application	er, I have received a DEQ Biosolids Fact S n of biosolids, the components of biosolids	Sheet that includes inform and proper handling and	nation regarding regulation I land application of bios	ons governing the olids.
dentified below	en expressly advised by the Permittee that or must be complied with after biosolids have nsible for the implementation of these prac	re been applied on my pi	quirements and site acce roperty in order to protec	ess restrictions t public health, ar
agree to imple of biosolids at t	ement the following site management pract he site:	tices at each site under r	ny ownership following tl	ne land application
biosolids	ion Signs: I will not remove any signs pos s land application site, unless requested by ompleted.	ted by the Permittee for the Permittee, until at le	the purpose of identifying east 30 days after land a	g my field as a pplication at that
		for public exposure shall amended soil shall be exprovisions are made to	I be restricted for at leas excavated or removed from prevent public exposure sted for one year after a	t 30 days following on the site during to soil, dusts or opplication of
a. b. c.	estrictions: Food crops with harvested parts that tour shall not be harvested for 14 months after Food crops with harvested parts below the application of biosolids when the biosolid months prior to incorporation into the soil Food crops with harvested parts below the biosolids remain on the land surface for a Other food crops and fiber crops shall not Feed crops shall not be harvested for 30 dairy animals).	or the application of bioson the surface of the land sha is remain on the land sur the surface of the land sha the period of less than the harvested for 30 da	olids. all not be harvested for 2 face for a time period of all not be harvested for 3 four (4) months prior to sea after the application of	0 months after the four (4) or more 88 months when the incorporation.
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residual	nental commercial fertilizer or manure app is applications such that the total crop nee ement plan developed by a person certified	ds for nutrients are not e	xceeded as identified in	the nutrient
years for pounds.	o, because it has been shown to accumulately the application of biosolids or indulate (0.5 kilograms/hectare).	ate cadmium, should not istrial residuals which be -	be grown on the Landov ar cadmium equal to or of Johnson	exceeding 0.45

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

A. This land application agre here as "Landowner", and Runtil it is terminated in writing the event of a sale of one or identified in this agreement or receive biosolids or industrial Landowner: The Landowner is the owner agricultural, silvicultural or re	ement is made on 2-18 expressions. Inc. referred to g by either party or, with respensore parcels, until ownership changes, those parcels for what residuals under this agreement of record of the real property eclamation sites identified belowers, attached as Exhibit A.	between Mohere as the "Permitted to those parcels the of all parcels change ich ownership has chent.	ARCMET GA ee". This agre- eat are retained es. If ownershi anged will no le	ement remains in effect by the Landowner in p of individual parcels onger be authorized to
	horized to receive biosolids, w	vater treatment residu	uals or other inc	dustrial sludges
Tax Parcel ID	Tax Parcel ID-	Tax Parcel ID		Tax Parcel ID
66-29	17811 OLD WHITE ONK	ROAD 66-3	8	
86-39	HARDY FARM	66-3	714	
		66- 3		
86-29A		66-30		
	Land Application Sites are identified	on Supplement A (check	if applicable)	
Notify the purchaser than the date of the positive of the positive of the positive of the positive of the permittee of the p	ner sells or transfers all or part t date of blosolids application, or transferee of the applicable property transfer; and of the sale within two weeks for	the Landowner shall: public access and collowing property tran	: rop manageme sfer.	ent restrictions no later
notify the Permittee immedia	agreements for land applicati lely if conditions change such agreement becomes invalid o	that the fields are no	longer available	le to the Permittee for
inspections on the land identi purpose of determining comp	fled above, before, during or a llance with regulatory required	ndowner also grants parter land application ments applicable to supprocessing waste	permission for l of permitted re	DEQ staff to conduct siduals for the ı.
Printed name Marcy in the Gallagha By: Title*	Phone No. 540 -	642-2197	1 2 V 2 2	fellagro_
*□ I certify that I have authority t *□ I certify that I am a responsible proprietorship, LLC, municipality, s	o sign for the landowner as indicate a official [or officer] authorized to ac state or federal agency, etc.	d by my title as executor, et on behalf of the followi	Trustee or Power ng corporation, pa	of attorney, etc. artnership,
Permittee: Recyc Systems, Inc., the Permit Re authorized by the VPA Permit Re	ittee, agrees to apply blosolids ar	nd/or industrial residuals xceed the rates identifie	s on the Landow	ner's land in the manner management plan

prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

Printed na	me	Mailing Address	Permittee- Authorized Representative
	Susan Trumbo	PO Box 562, Remington Virginia 22734	Signature
Title	Technical Manager	Phone No. 540-547-3300	To the state of th

Rev 6/11/2018

Permittee:	Recyc Systems, Inc	County or City:	DINWIDDIE	COUNTY
Landowne	r: MARCARET GALLAGHER	_		
Landowne	r Site Management Requirements:			
	vner, I have received a DEQ Biosolids Fac ion of biosolids, the components of biosolid	is and proper nandling and	land application of biose	olids.
TOO MINIOU DO	een expressly advised by the Permittee th ow must be complled with after biosolids h ponsible for the implementation of these pr	ave been applied on my new	uirements and site acce operty in order to protect	ss restrictions t public health, and
I agree to import of biosolids a	plement the following site management pra t the site:	ctices at each site under m	y ownership following th	e land application
UlUSUI	ation Signs: I will not remove any signs po ids land application site, unless requested completed.	ested by the Permittee for the by the Permittee, until at least	ne purpose of identifying ast 30 days after land ap	my field as a pplication at that
	Public access to land with a high potent following any application of biosolids. Public access to land with a low potentia any application of biosolids. No biosolid this same period of time unless adequate aerosols;	al for public exposure shall is amended soil shall be ex- e provisions are made to pro-	be restricted for at least cavated or removed fror revent public exposure to	30 days following in the site during to soil, dusts or
a. b. c. d.	lestrictions: Food crops with harvested parts that tou shall not be harvested for 14 months aft	er the application of biosofic the surface of the land shall dis remain on the land surfar l, the surface of the land shall a time period of less than fo to be harvested for 30 days	is, not be harvested for 20 ce for a time period of for not be harvested for 38 our (4) months prior to in after the application of the	months after the our (4) or more months when the corporation,
Fo a.	ck Access Restrictions; llowing biosolids application to pasture or t Meat producing livestock shall not be gra Lactating dairy animals shall not be graz Other animals shall be restricted from gr	ized for 30 days, ed for a minimum of 60 day	'S.	
residua	mental commercial fertilizer or manure app is applications such that the total crop nee ement plan developed by a person certified	ds for nutrients are not exce	seded as identified in the	a mutriont
6. Tobacc years fo	o, because it has been shown to accumula following the application of biosolids or indu lacre (0.5 kilograms/hectare).	ite cadmium, should not be	grown on the Landown	er's land for three
# Y/Qu Landov	vner's Signature	10000000	2 1913 Date	1020
45				
Operate	or's Signature mailing ad	dress & phone	Date	

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement-Biosolids and Industrial Residuals from original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee:

Recyc Systems, Inc.

Site Name:

S. G. Sturt

County or City:

Dinwiddie County

Please Print

Signature not required on this page

Tax Parcel ID(s)	Landowners (s)
86-29A	Margaret B. Sturt Life Estate
86-39	Margaret B. Sturt Life Estate
66-29	Margaret Baylor Sturt Life Estate
66-38	Margaret Baylor Sturt Life Estate
66-37A	Margaret Baylor Sturt Life Estate
66-37	Margaret Baylor Sturt Life Estate
66-36	Margaret Baylor Sturt Life Estate
17	

FARM DATA SHEET

SITE NAME:	S. G. Sturt		COUNTY:		Dinwiddie	•
OWNER:	See List Below		OPERATOR:		See List A	ttached
OWNER'S	See List Below		OPERATOR'S		See List A	ttached
ADDRESS:			ADDRESS:			
OWNER'S TELEPHONE:	See List Below		OPERATOR'S TELEPH	HONE:	See List A	ttached
GENERAL FARM TYPE:	Hay/Pasture/Row Cro	ор	CELL PHONE:		See List A	ttached
# CATTLE:	100		EMAIL:		20	
LAGOON or SLURRY:	None		LATITUDE:		F 1-7 F 8-16 F 17-21	
TOPO QUAD:	Darvills, Stony Creek, Dewitt		LONGITUDE:		F 1-7 F 8-16 F 17-21	
COMMENTS:			METHOD OF DETERMINATION:		Online Ma	aps
	er Trail 3 22509 213 vned by S.G. Sturt's	3197 T Lorett 804 s child	•	120 Fred	ericksburg 540-642	vood Blvd. , VA 22408 -2197
margaret D. Stuff S	till holds lifetime ri	gnto I	o die land/dwellit	y ə.		
	<u> </u>					BB 8

FARM OPERATOR LIST S.G. STURT FARM DINWIDDIE COUNTY

FIELDS 1-7
William Avery
23219 Shippings Road
McKenney, VA 23872
804-712-3272 (Cell)

FIELDS 8-16
Winfield Harrison
8518 Gunn Road
McKenney, VA 23872
804-712-4936

FIELDS 17-21
Chip Baskerville
21508 Baskerville Mill Road
McKenney, VA 23872
804-691-5267
Cbaskerville91@gmail.com

NEW FIELD CHANGES

S.G. STURT

DINWIDDIE COUNTY

NEW FIELD 1 IS PART OF OLD FIELD 4.

NEW FIELD 2 IS PART OF OLD FIELD 4.

NEW FIELD 3 IS OLD FIELD 5.

NEW FIELD 4 IS PART OF OLD FIELD 6.

NEW FIELD 5 IS PART OF OLD FIELD 6.

NEW FIELD 6 IS PART OF OLD FIELD 6 AND 7.

NEW FIELD 7 IS PART OF OLD FIELD 7.

NEW FIELD 8 IS A NEW FIELD.

NEW FIELD 9 IS OLD FIELD 1.

NEW FIELD 10 IS OLD FIELD 2.

NEW FIELD 11, 12, 13, 14 ARE NEW FIELDS.

NEW FIELD 15 IS PART OF OLD FIELD 3.

NEW FIELD 16 IS PART OF OLD FIELD 3.

NEW FIELDS 17, 18, 19, 20, 21 ARE NEW FIELDS.

RECYC SYSTEMS, INC FIELD DATA SHEET

Field	Gross	Environn	nentally S		Soils		Tax	FSA
Identification	Acres	Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood	Hydro M ap	Map #	Tract #
DWSGS 1N	3.5	-	-	₩.f.	2 0	CU 13	66-38	T 581 F 8
DWSGS 2N	3.8		-	₩	-	CU 13	66-38	T 581 F 7
DWSGS 3N	6.4	16A NovMay	-	-	-	CU 13	66-38	T 581 F 6
DWSGS 4N	3.7	2	8	-	-	CU 13	66-38	T 581 F 4
DWSGS 5N	7.3	9B JanApr.	re:	-	1	CU 13	66-38	T 581 F 2
DWSGS 6	13.7	16A NovMay	:=	84		CU 13	66-38	T 581 F 1, 3
DWSGS 7	23.2	16A NovMay		4	1	CU 13	66-38	T 581 F 1, 9
DWSGS 8	6.8	.	1000			CU 13	66-29	T 474 F 1, 2
DWSGS 9	10.2	•	8	88.	3 .8	CU 13	66-29	T 474 F 5
DWSGS 10	13.0	a i	le.	1	ä	CU 13	66-29	T 474 F 3, 4, 6, 10

							0.702	TOTAL ACRES IN
F None	66-98	CN S2	18	i i i i i i i i i i i i i i i i i i i	2	12B DecMar. 17B NovApr.	9.12	DWSGS 21
T Mone	68-98	CN S2		3#	-	12B DecMar. 12C DecMar. 15B DecApr. 16A NovMay 17A NovApr.	₽.72	DM2G2 50
F Mone	¥6Z-98	CO SE	-	-	=	12B DecMar. 12C DecMar.	4.8	DWSGS 19
F Mone	68-98	CN S2	15	:: -	-	12B DecMar.	13.5	DWSGS 18
T None	66-98	CN 52	æ	18		12B DecMar.	4.8	DWSGS 17
T 474 F 12	67-99	CU 13	N <u>L</u> a	18	-	ā	7.8	DWSGS 16
474 T	62-99	CU 13	# ₽	82	_		9.9	DWSGS 15
↑74 T F 7, 9, 10	6Z-99	CU 13	(24)		_	ysMvoM A31	9.8	DWSGS 14
7 474 F 8	62-99	CU 13	⊕ -	: 5	-	-	١.8	DWSGS 13
7 474 F 8	6Z-99	CU 13	=	:5:	=	-	1.01	DWSGS 12
₽ ∠ ₽	6Z-99	CU 13	1	•	=	(=)	Τ.Τ	DWSGS 11

THE PLANNER IS NOT STATE CERTIFIED

Nutrient Management Plan Balance Sheet (Fall, 2020-Winter, 2022) S G Sturt Planner: John Doe

Tract: 474

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Сгор	Needs N-P-K (Ibs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	(d)	Man/Bios N-P-K (Ibs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes
1, 2/DWSGS 8(N)	7/7	2020	Fescue grass hay mt.	90-80-170	0/0				90-80-170	N/A		14
5/DWSGS 9(N)	10/10	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A		
3, 4, 6, 10/DWSGS 10(N)	13/13	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A		
6/DWSGS 11(N)	8/8	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A		
8/DWSGS 12(N)	10/10	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A		
8/DWSGS 13(N)	6/6	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A		
7, 9, 10/DWSGS 14(N)	9/9	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A		
12/DWSGS 15(N)	7 /7	2020	Fescue grass hay mt.	90-80-170	0/0				90-80-170	N/A		
12/DWSGS 16(N)	7/7	2020	Fescue grass hay mt.	90-80-170	0/0				90-80-170	N/A		

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 581

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (Ibs/ac)	Leg /Man Resid	Manure/BiosId Rate & Type (season)	(d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
8/DWSGS 1(N)	4/4	2020	Fescue grass hay mt.	90-80-170	0/0				90-80-170	N/A			
7/DWSGS 2(N)	4/4	2020	Fescue grass hay mt.	90-80-170	0/0				90-80-170	N/A			
6/DWSGS 3(N)	6/6	2020	Fescue grass hay mt.	90-80-170	0/0				90-80-170	N/A			
4/DWSGS 4(N)	4/4	2020	Hay/Pasture	120-80-170	0/0				120-80-170	N/A		1	
2/DWSGS 5(N)	7/7	2020	Hay/Pasture	120-80-170	0/0				120-80-170	N/A			
1, 3/DWSGS 6(N)	14/14	2020	Hay/Pasture	120-80-170	0/0				120-80-170	N/A			
1, 9/DWSGS 7(N)	23/23	2020	Hay/Pasture	100-50-95	0/0				100-50-95	N/A			

Commercial Application Methods: br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: None Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (Ibs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
None/DWSGS 17(N)	3/3	2020	Fescue grass hay mt.	90-80-170	0/0				90-80-170	N/A			
None/DWSGS 18(N)	14/14	2020	Wheat (grain)	100-60-60	0/0				100-60-60	N/A			
		2021											
None/DWSGS 19(N)	3/3	2020	Wheat (grain)	100-60-60	0/0				100-60-60	N/A			
		2021	100 100 200	30530500							1	-	
None/DWSGS 20(N)	27/27	2020	Wheat (grain)	100-60-60	0/0				100-60-60	N/A			
		2021	****	500 20 20			1						
None/DWSGS 21(N)	22/22	2020	Wheat (grain)	100-60-60	0/0				100-60-60	N/A			
		2021	100 100 100										

Commercial Application Methods: br - Broadcast ba - Banded sd - Sidedress

Notes:

Soil Test Summary

Tract	Field	Acre	Date	P2O5	K20	Lab	Soil pH	Lime Date	rec. lime tons/Ac
474	DWSGS 8	7	[No						tollor
			Test]		(6				
474	DWSGS 9	10	[No						
			Test]						
474	DWSGS 10	13	[No						
		_	Test]						
474	DWSGS 11	8	[No		G.				
474	DW000 40	40	Test]						
474	DWSGS 12	10	[No						
474	DW000 40	•	Test]						
474	DWSGS 13	6	[No						
474	DWCCC 44	0	Test]						
474	DWSGS 14	9	[No						
474	DWSGS 15	7	Test]						
4/4	DVV3G3 13	1	[No Test]						
474	DWSGS 16	7	[No						
7/7	DVV000 10	,	Test]						
581	DWSGS 1	4	[No						
	511000 1	•	Test]						
581	DWSGS 2	4	[No						
			Test]						
581	DWSGS 3	6	[No]						
			Test]						
581	DWSGS 4	4	[No						
			Test]						
581	DWSGS 5	7	[No						
			Test]						
581	DWSGS 6	14	[No						
			Test]						
581	DWSGS 7	23	[No						
		_	Test]						
None	DWSGS 17	3	[No						
	D1410.00 45	4.4	Test]						
None	DWSGS 18	14	[No						
			Test]						

None	DWSGS 19	3	[No Test]
None	DWSGS 20	27	[No
None	DWSGS 21	22	Test] [No Test]

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
474	474/1, 2	DWSGS 8	7	Cecil	lVa	· II		11	
	474/5	DWSGS 9	10	Appling	IVa	Ш	Ш	III	
	474/3, 4,	DWSGS 10	13	Cecil	lVa	II		Ш	
	6,								
	474/6	DWSGS 11	8	Cecil	IVa	11	}	П	
	474/8	DWSGS 12	10	Cecil	IVa	11	Ш	II	
	474/8	DWSGS 13	6	Cecil	IVa	11	Ш	П	
	474/7, 9,	DWSGS 14	9	Cecil	IVb	III	Ш	III	
	10								
	474/12	DWSGS 15	7	Cecil	IVa	11	Ш	П	
	474/12	DWSGS 16	7	Cecil	IVa	11	111	11 11	
581	581/8	DWSGS 1	4	Cecil	IVa		III		
	581/7	DWSGS 2	4	Cecil	IVa	Н	Ш	II	
	581/6	DWSGS 3	6	Cecil	IVa	Ш	Ш	Ш	
	581/4	DWSGS 4	4	Cecil	IVa	Ш	Ш	11	
	581/2	DWSGS 5	7	Cecil	IVa	H	Ш	II	
	581/1, 3	DWSGS 6	14	Cecil	IVa	П	Ш	Ш	
	581/1, 9	DWSGS 7	23	Cecil	IVa	111	Ш	Ш	
None	None/Non	DWSGS 17	3	Emporia	IIIb	11	III	il .	
	е								
	None/Non	DWSGS 18	14	Mattaponi	IIIb	П	Ш	11	
	е								
	None/Non	DWSGS 19	3	Mattaponi	Illa	П	111	II	
	е								
	None/Non	DWSGS 20	27	Mattaponi	IIIb	II	Ш	II	
	е								
	None/Non	DWSGS 21	22	Mattaponi	Illa	II	III	II	
	е								

Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre	
1	>170	>80	>64	>6	>4.0	

H	150-170	70-80	56-64	4-6	3.5-4.0
11	130-150	60-70	48-56	<4	3.0-3.5
IV	100-130	50-60	40-48	NA	<3.0
V	<100	<50	<40	NA	NA

Farm Summary Report

Plan:

New Plan

Fall, 2020 - Winter, 2022

Farm Name:

S G Sturt

Location:

Dinwiddie

Specialist:

John Doe

N-based Acres: 207.0

P-based Acres: 0.0

Tract Name:

474

FSA Number: 474

Location:

Dinwiddie

Field Name:

DWSGS 8

Total Acres:

Usable Acres: 6.80

6.80

Tract:

FSA Number: 1, 2 474

В

Location:

Dinwiddie

Slope Class:

Hydrologic Group:

В

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE

PH

Р

K

Lab

[NO TEST]

Soils:

PERCENT

SYMBOL

SOIL SERIES

6 4C Cecil 94 4B Cecil

Field Warnings:

Field Name: DWSGS 9

Total Acres: 10.20 Usable Acres: 10.20

FSA Number: 5 Tract: 474

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH P K Lab

[NO TEST]

Soils:

PERCENT SYMBOL SOIL SERIES

20 4B Cecil 80 2B Appling

Field Warnings:

Field Name: DWSGS 10

Total Acres: 13.00 Usable Acres: 13.00

FSA Number: 3, 4, 6, 10

Tract: 474

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH P K Lab [NO TEST]

Soils:

PERCENT SYMBOL SOIL SERIES
37 2B Appling
33 4B Cecil
31 4C Cecil

Field Warnings:

Field Name: DWSGS 11

Total Acres: 7.70 Usable Acres: 7.70

FSA Number: 6 Tract: 474

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary N-based Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method Soil Test Results: DATE PH Р Κ Lab [NO TEST] Soils: **PERCENT** SYMBOL **SOIL SERIES** 4C Cecil 10 75 4B Cecil 15 2B Appling Field Warnings: Field Name: DWSGS 12 Total Acres: 10.10 Usable Acres: 10.10 FSA Number: 8 474 Tract: Location: Dinwiddie В Hydrologic Group: Slope Class: В Riparian buffer width: 0 ft Distance to stream: 0 ft Conservation Practices: Pasture (>75% cover) P-Index Summary N-based Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method Soil Test Results: Κ DATE Ρ Lab PH [NO TEST]

Soils:

PERCENT SYMBOL SOIL SERIES

100 4B Cecil

Field Warnings:

Field Name: DWSGS 13

Total Acres: 6.10 Usable Acres: 6.10

FSA Number: 8 Tract: 474

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH P K Lab

[NO TEST]

Soils:

PERCENT SYMBOL SOIL SERIES

97 4B Cecil 3 4C Cecil

Field Warnings:

Field Name: DWSGS 14

Total Acres: 8.60 Usable Acres: 8.60

FSA Number: 7, 9, 10 Tract: 474 Location:

Dinwiddie

Slope Class:

С

Hydrologic Group:

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE

PH

Ρ

Κ

Lab

[NO TEST]

Soils:

PERCENT

SYMBOL

SOIL SERIES

86 14

4C Cecil

16A Roanoke

Field Warnings:

Field Name:

DWSGS 15

Total Acres:

6.60 Usable Acres: 6.60

Tract:

FSA Number: 12 474

Location:

Dinwiddie

Slope Class:

В

Hydrologic Group:

В

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary N-based Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method Soil Test Results: DATE PH Ρ Κ Lab [NO TEST] Soils: **PERCENT** SYMBOL **SOIL SERIES** 83 4B Cecil 17 4C Cecil Field Warnings: Field Name: **DWSGS 16** Total Acres: 6.70 Usable Acres: 6.70 FSA Number: 12 Tract: 474 Location: Dinwiddie Slope Class: Hydrologic Group: В В Riparian buffer width: 0 ft Distance to stream: 0 ft Conservation Practices: Pasture (>75% cover) P-Index Summary N-based Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method Soil Test Results: PΗ Ρ Κ DATE Lab [NO TEST]

Soils:

PERCENT SYMBOL SOIL SERIES

100 4B Cecil

Field Warnings:

Tract Name: 581 FSA Number: 581

Location: Dinwiddie

Field Name: DWSGS 1

Total Acres: 3.50 Usable Acres: 3.50

FSA Number: 8 Tract: 581

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH P K Lab

[NO TEST]

Soils:

PERCENT SYMBOL SOIL SERIES

100 4B Cecil

Field Warnings:

Field Name: DWSGS 2

Total Acres: 3.80 Usable Acres: 3.80

FSA Number: 7 581 Tract:

Location:

Dinwiddie

Slope Class:

В Hydrologic Group:

В

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE

Ρ

Κ

Lab

[NO TEST]

PH

Soils:

PERCENT

SYMBOL

SOIL SERIES

В

100

4B Cecil

Field Warnings:

Field Name:

DWSGS 3

Total Acres:

Usable Acres: 6.40 6.40

FSA Number: 6 Tract:

581

Location:

Dinwiddie

Slope Class:

Hydrologic Group: В

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary N-based Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method Soil Test Results: DATE PH Ρ Κ Lab [NO TEST] Soils: **PERCENT** SYMBOL **SOIL SERIES** 37 4B Cecil 50 4C Cecil 13 Roanoke 16A Field Warnings: **DWSGS 4** Field Name: Total Acres: 3.70 Usable Acres: 3.70 FSA Number: 4 581 Tract: Dinwiddie Location: Slope Class: Hydrologic Group: В В Riparian buffer width: 0 ft Distance to stream: 0 ft Conservation Practices: Pasture (>75% cover) P-Index Summary N-based Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method Soil Test Results: PH Р K Lab DATE [NO TEST]

Soils:

PERCENT SYMBOL SOIL SERIES

13 2B Appling 87 4B Cecil

Field Warnings:

Field Name: DWSGS 5

Total Acres: 7.30 Usable Acres: 7.30

FSA Number: 2 Tract: 581

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH P K Lab [NO TEST]

Soils:

PERCENT SYMBOL SOIL SERIES
72 4B Cecil
16 4C Cecil
9 2B Appling
2 9B Helena

Field Warnings:

Field Name: DWSGS 6

Total Acres: 13.70 Usable Acres: 13.70

FSA Number: 1, 3 Tract: 581

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH P K Lab

[NO TEST]

Soils:

PERCENT SYMBOL SOIL SERIES
32 2B Appling
45 4B Cecil
21 4C Cecil
2 16A Roanoke

Field Warnings:

Field Name: DWSGS 7

Total Acres: 23.20 Usable Acres: 23.20

FSA Number: 1, 9 Tract: 581

Location: Dinwiddie

Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH P K Lab [NO TEST]

Soils:

PERCENT SYMBOL SOIL SERIES
9 16A Roanoke
18 2B Appling
1 4B Cecil
72 4C Cecil

Field Warnings:

Tract Name: None FSA Number: None

Location:

Dinwiddie

Field Name: DWSGS 17

Total Acres: 3.40 Usable Acres: 3.40

FSA Number: None Tract: None

Location: Dinwiddie

Slope Class: B Hydrologic Group: C

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover) P-Index Summary N-based Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method Soil Test Results: DATE PH Κ Р Lab [NO TEST] Soils: **PERCENT SOIL SERIES** SYMBOL 46 5B Emporia 36 12B Mattaponi 17 19B Uchee Field Warnings: **DWSGS 18** Field Name: Total Acres: 13.50 Usable Acres: 13.50 FSA Number: None Tract: None Dinwiddie Location: Slope Class: В Hydrologic Group: С Riparian buffer width: 0 ft Distance to stream: 0 ft P-Index Summary N-based Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Κ

Lab

Soils:

DATE

Soil Test Results:

PΗ

[NO TEST]

Ρ

PERCENT SYMBOL SOIL SERIES

16 19B Uchee 84 12B Mattaponi

Field Warnings:

Field Name: DWSGS 19

Total Acres: 3.40 Usable Acres: 3.40

FSA Number: None Tract: None

Location: Dinwiddie

Slope Class: B Hydrologic Group: C

Riparian buffer width: 0 ft Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH P K Lab

[NO TEST]

Soils:

PERCENT SYMBOL SOIL SERIES

91 12B Mattaponi 9 12C Mattaponi

Field Warnings:

Field Name: DWSGS 20

Total Acres: 27.40 Usable Acres: 27.40

FSA Number: None Tract: None

Location: Dinwiddie

Slope Class: B Hydrologic Group: C

Riparian buffer width: 0 ft Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH P K Lab
[NO TEST]

Soils:

PERCENT	SYMB	OL SOIL:	PEKIES
30	12B	Mattaponi	
4	12C	Mattaponi	
13	15B	Nansemond	
14	16A	Roanoke	
29	17A	Slagle	
10	19B	Uchee	

Field Warnings:

Field Name: DWSGS 21

Total Acres: 21.90 Usable Acres: 21.90

FSA Number: None Tract: None

Location: Dinwiddie

Slope Class: B Hydrologic Group: C

Riparian buffer width: 0 ft Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH P K Lab [NO TEST]

Soils:

PERCENT SYMBOL SOIL SERIES

5 5B Emporia 83 12B Mattaponi 13 17A Slagle

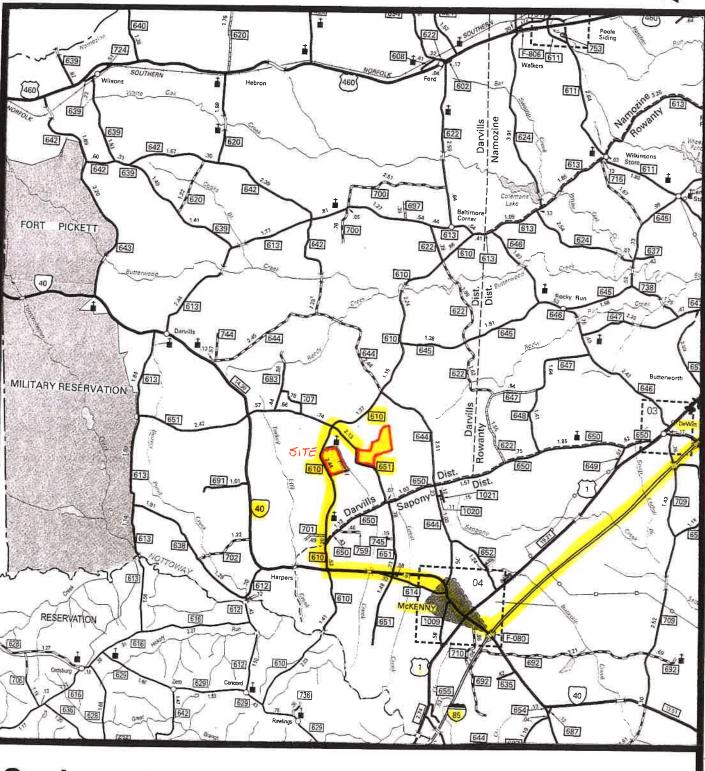
Field Warnings:

MAPS

Recyc Systems...

NC. (Biosolids Land Application)





Scale:

1 inch = 2 miles

DWSGS

7-23-20

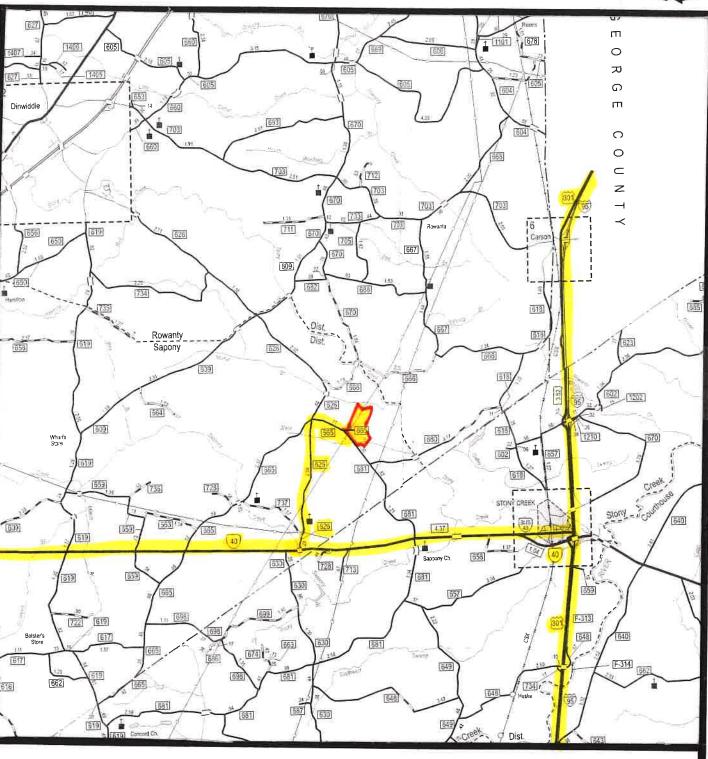
Truck Route Marked in Yellow **VICINITY MAP**

N

Recyc Systems.

(Biosolids Land Application)



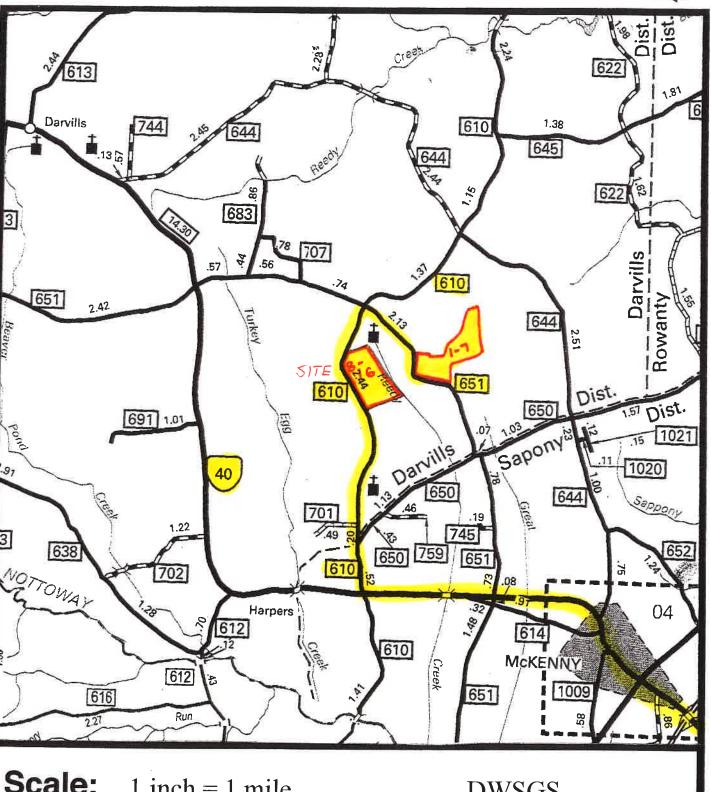


Scale: 1"= z miles

DWSGS

Recyc Systems...

(Biosolids Land Application)



Scale:

1 inch = 1 mile

DWSGS

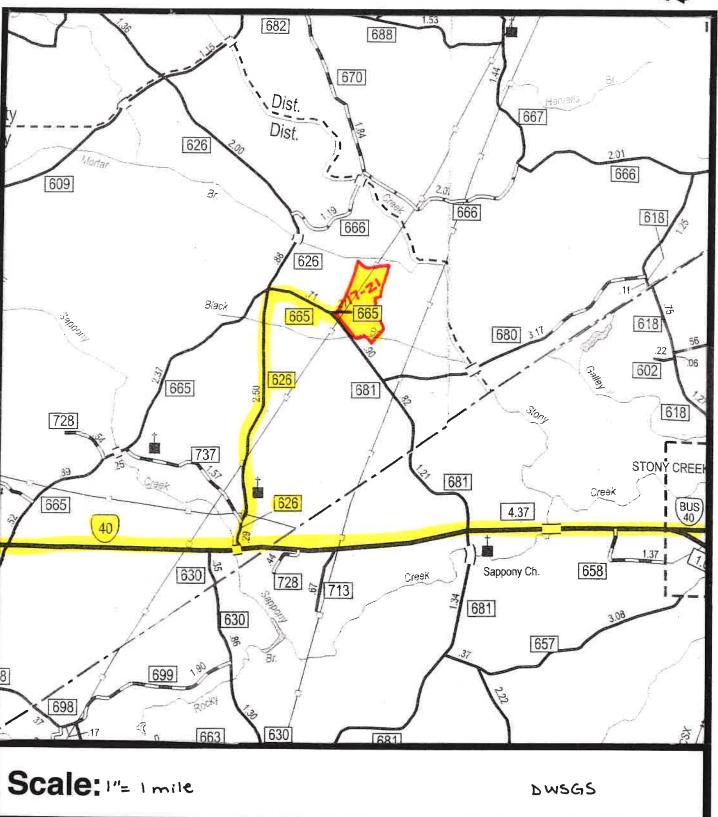
7-23-20 Yellow

VICINITY MAP

Recyc Systems.

(Biosolids Land Application)



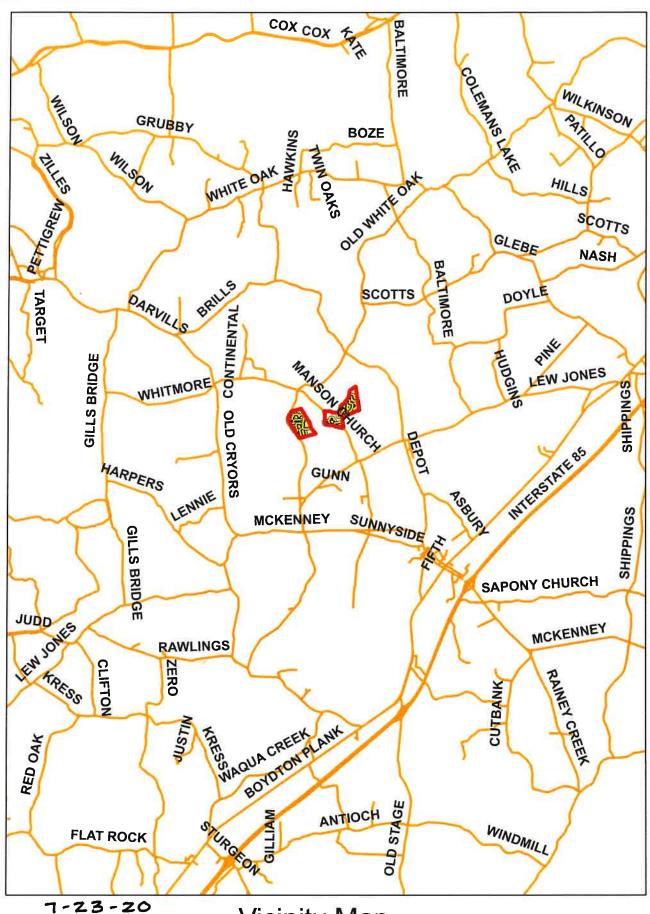


Truck Route marked in Yellow

VICINITY MAP

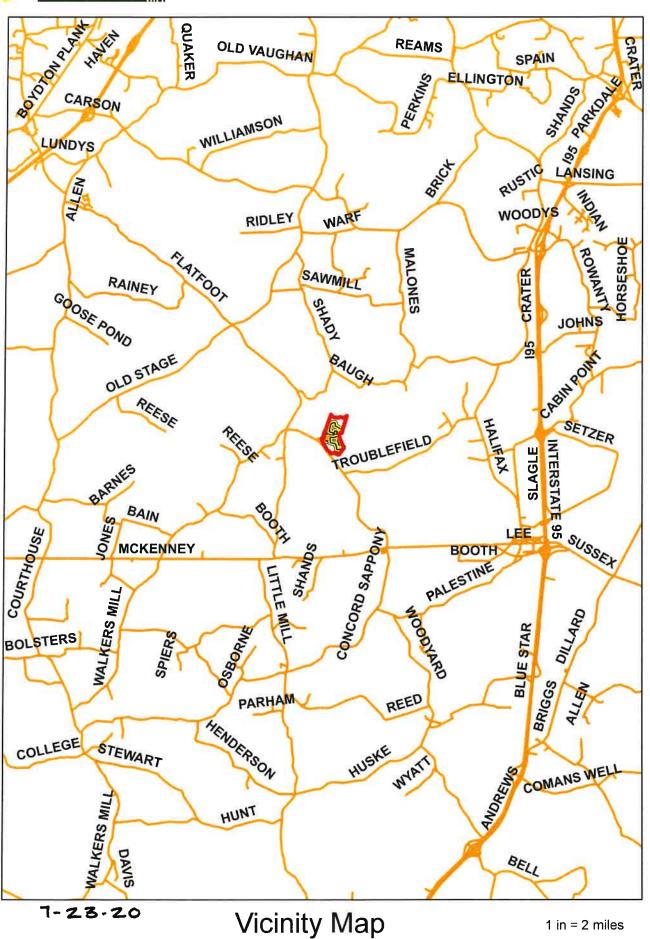
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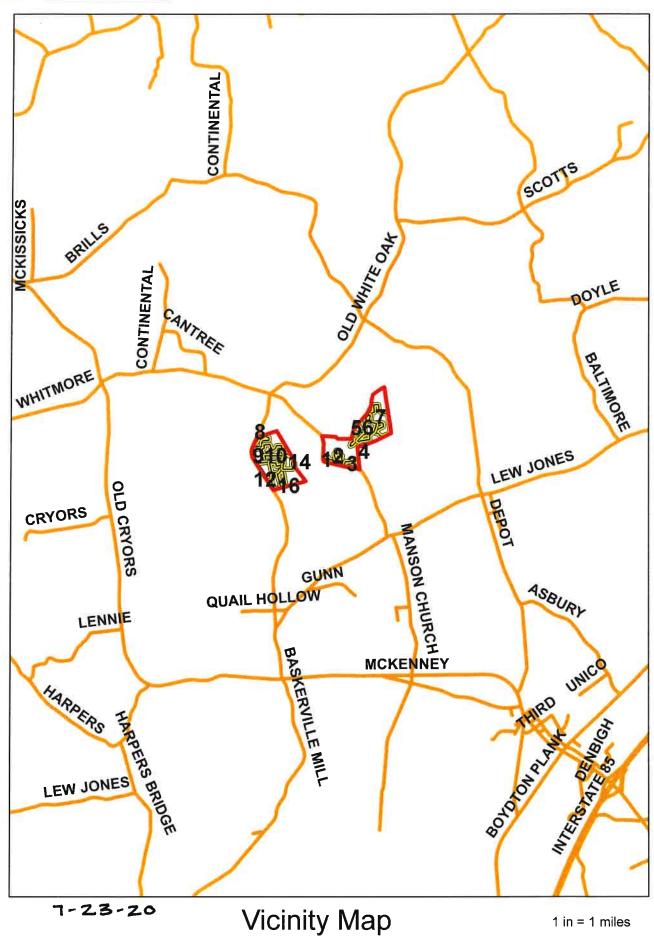




DWSGS S. G. Sturt

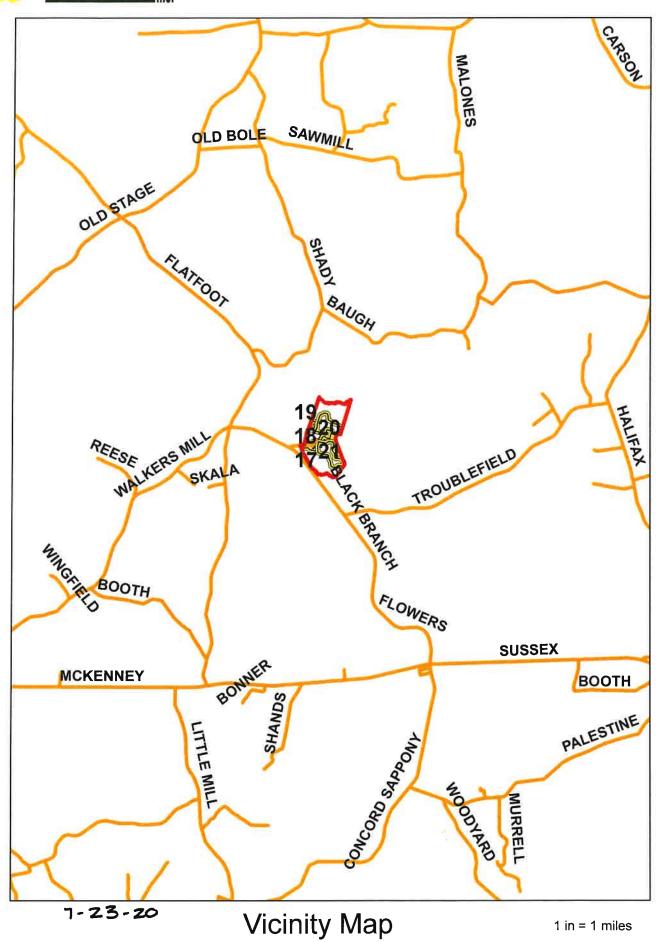






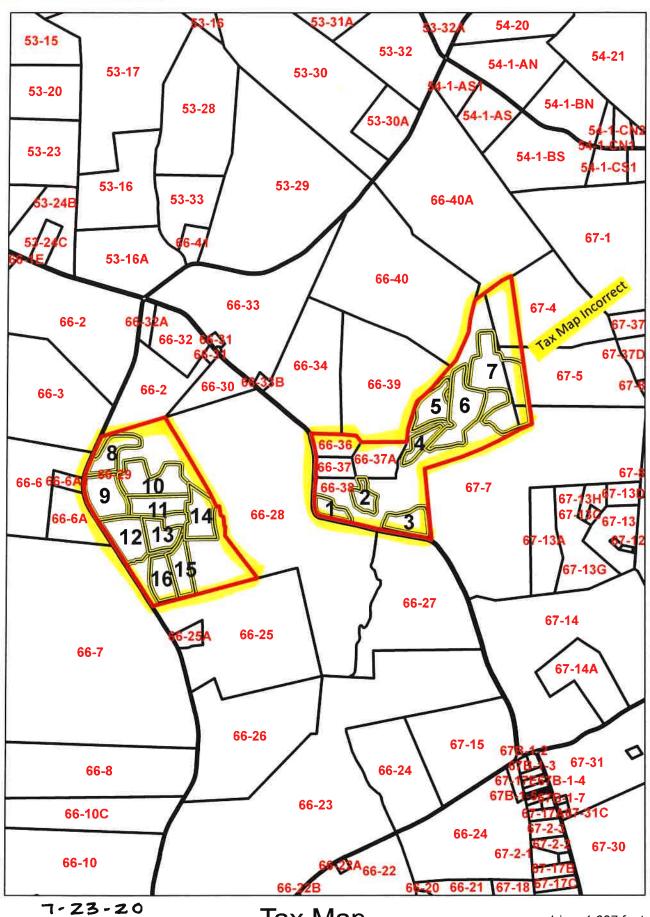






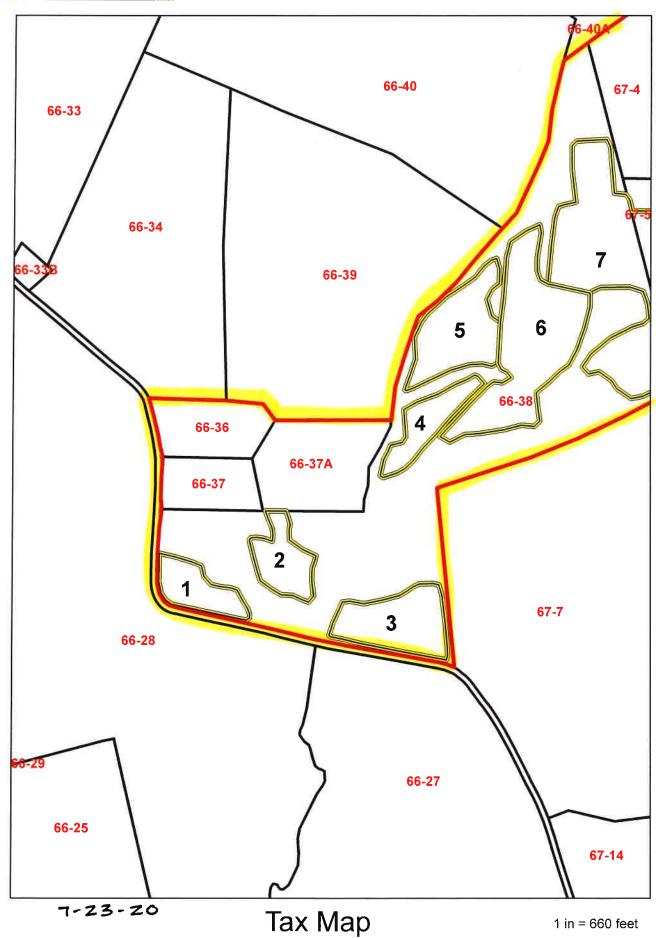


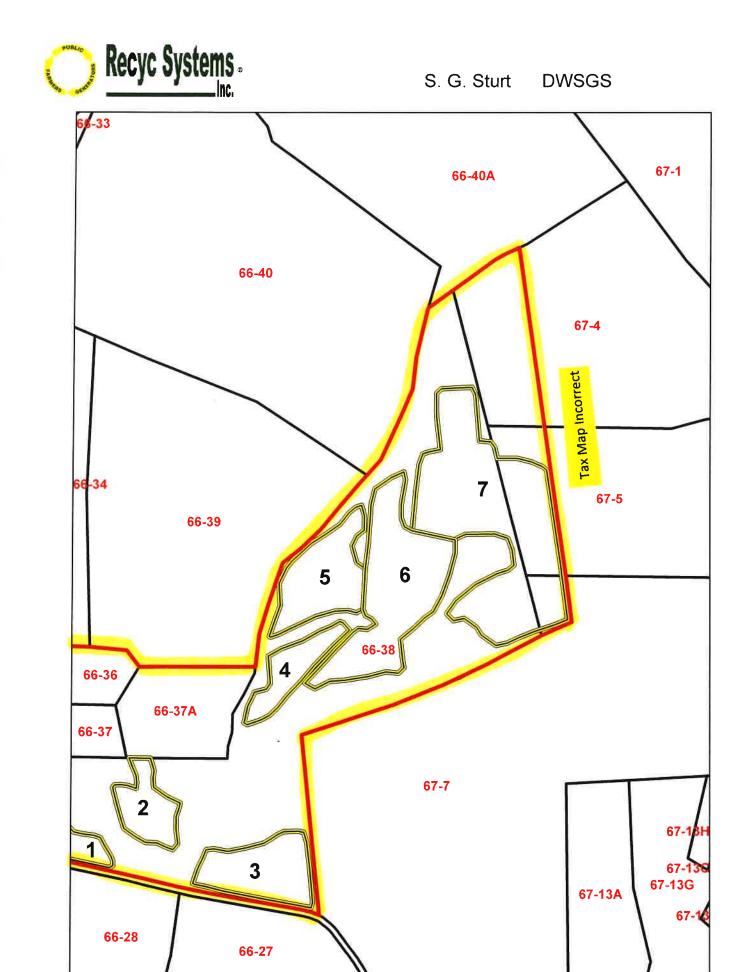
S. G. Sturt DWSGS





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Tax Map

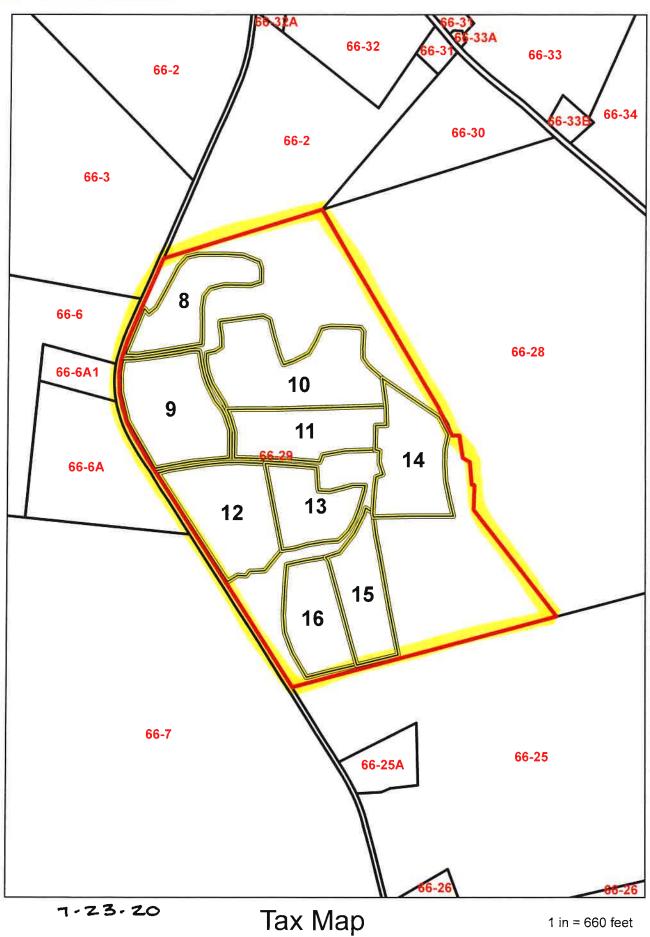
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7-23-20



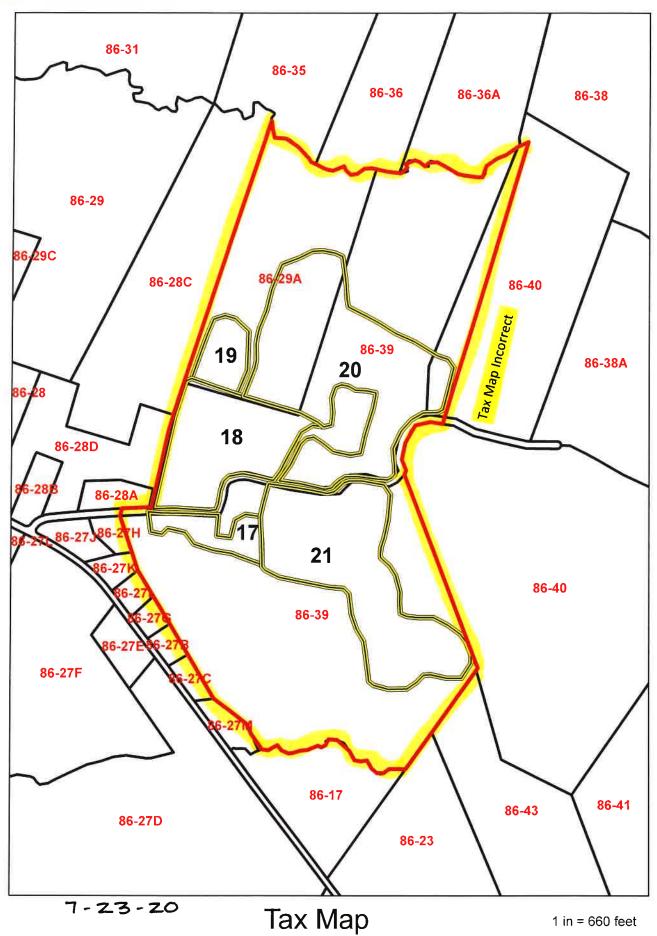
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ADJOINING LANDOWNERS

S. G. Sturt

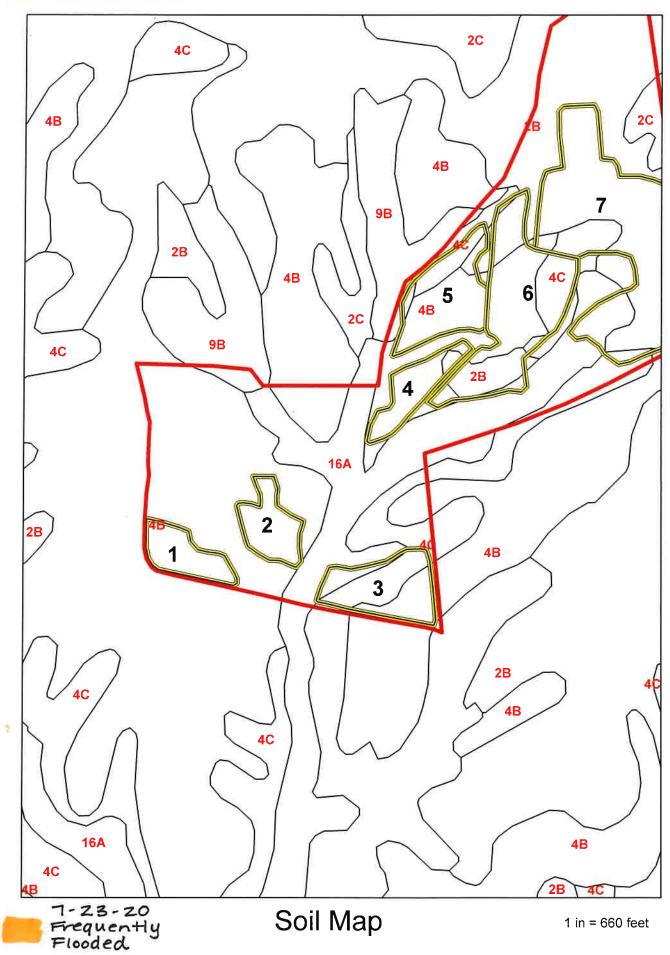
Dinwiddie

Тах Мар	Parcel #	Owner Name(s)
66	2	James O Tucker
	3	Tiaa Timberland LLC C/O Greenwood Rescources INC
	6	Tiaa Timberland LLC C/O Greenwood Rescources INC
	6A	Margaret Baylor Sturt
	6A1	Adam D Webb
	7	Tiaa Timberland LLC C/O Greenwood Rescources INC
	25	Sandra H Mason & Paul C Howard
	27	Tiaa Timberland LLC C/O Greenwood Rescources INC
	28	JJ Jr & Barbra A & Eugene R & Brenda R Sturt
	30	Daniel F Tucker
	37	Margaret Baylor Sturt
	37A	Margaret Baylor Sturt
	39	JJ Jr & Barbra A & Eugene R & Brenda R Sturt
	40	JJ Jr & Barbra A & Eugene R & Brenda R Sturt
	40A	JJ Jr & Barbra A & Eugene R & Brenda R Sturt
67	4	Tiaa Timberland LLC C/O Greenwood Rescources INC
	5	Tiaa Timberland LLC C/O Greenwood Rescources INC
	7	Tiaa Timberland LLC C/O Greenwood Rescources INC
86	17	John H. Clements Revocable Trust Agreement Trustees
	23	Don H. Marsh II
	27B	Sylvester Jr. or Jean Sharpe
	27C	Wiggins Gwendolyn Booth & Augustus Muriel Booth
	27G	Rainbows End Enterprises Inc. c/o Erin Bain
	27H	Ronald Wayne Jr. or Devon Church Purdie
	27I	Alton and Penelope Gizel Parham
	27K	Elvis L. Jenkins
	27M	Loretta B. Crump et. als.
	28A	Leonard M. Coleman
	28C	James Bradley or Sarah A. Goodwyn

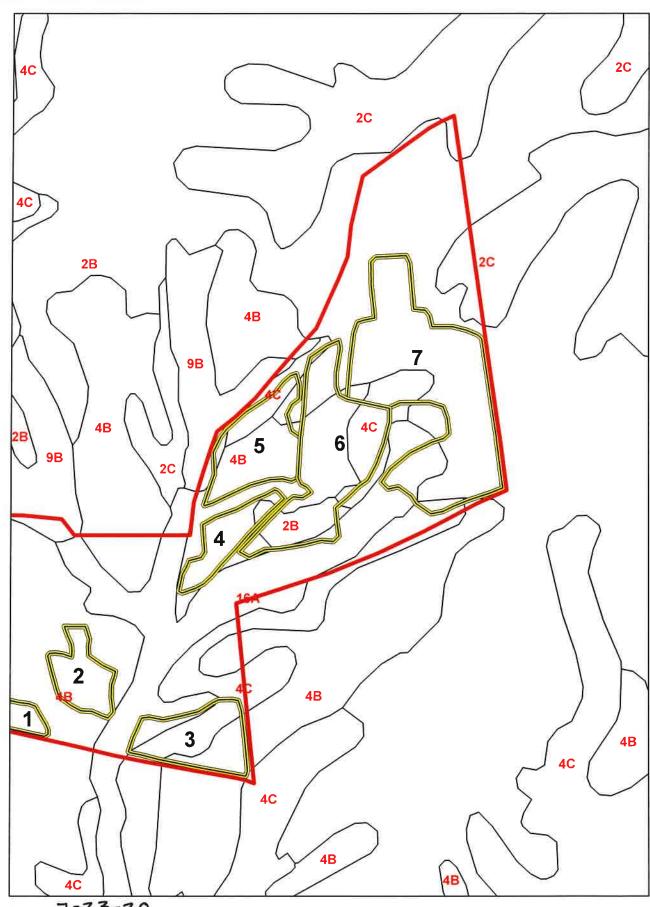
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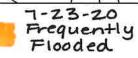
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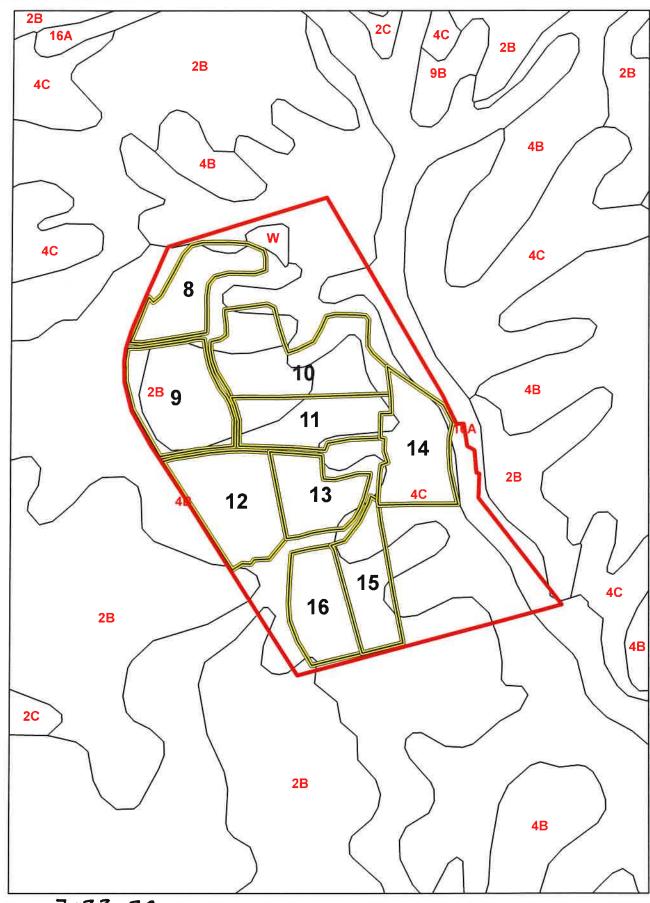




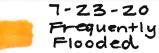








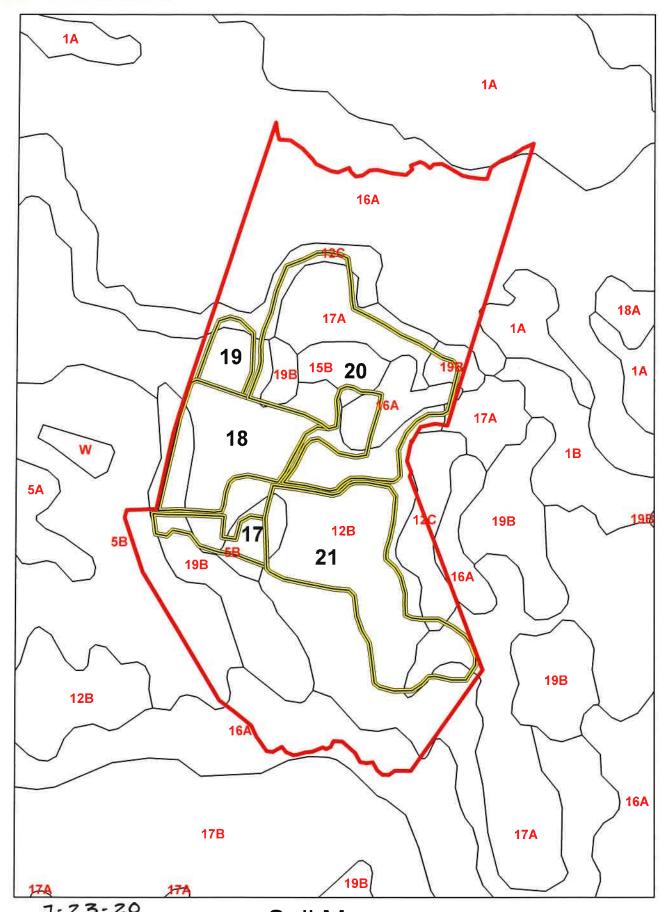




Soil Map



S. G. Sturt DWSGS



7-23-20 Frequently Flooded

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Soil Map

1 in = 660 feet



S. G. Sturt DWSGS

Field Gross Id Acres DWSGS 1 3.5 DWSGS 2 3.8 DWSGS 3 6.4 DWSGS 4 3.7 DWSGS 5 7.3 DWSGS 6 13.7 DWSGS 7 23.2 DWSGS 8 6.8 DWSGS 9 10.2 DWSGS 10 13.0 DWSGS 11 7.7 DWSGS 12 10.1 DWSGS 13 6.1 DWSGS 14 8.6 DWSGS 15 6.6 DWSGS 16 6.7 DWSGS 17 3.4 DWSGS 18 13.5 DWSGS 19 3.4 DWSGS 20 27.4 DWSGS 21 21.9 TOTAL 207.0		
	Source: Esd, DigitalGlobe, GeoEye, Eerdheter Geographice, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community	



7-23-20



S. G. Sturt DWSGS

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S. G. Sturt DWSGS

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S. G. Sturt DWSGS

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	Source: Esri, DigitalGloba, GeoEye, Eeriheter Geographice, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS Usar Community





United States Department of Agriculture

Dinwiddie County, Virginia



Tract 437

Farm 581

2020 Program Year

Map Created December 05, 2019

Common Land Unit

Non-Cropland Cropland

rcl_l_va053 Tract Boundary

Wetland Determination Identifiers

Restricted Use

Limited

Exempt from Conservation

Compliance Provisions

Tract Cropland Total: 63.45 acres

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).



United States Department of Agriculture

Dinwiddie County, Virginia



Tract 474

Farm 581

2020 Program Year

Map Created June 03, 2020

Common Land Unit

Tract Boundary Non-Cropland Cropland

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation
 - Compliance Provisions

Tract Cropland Total: 82.74 acres

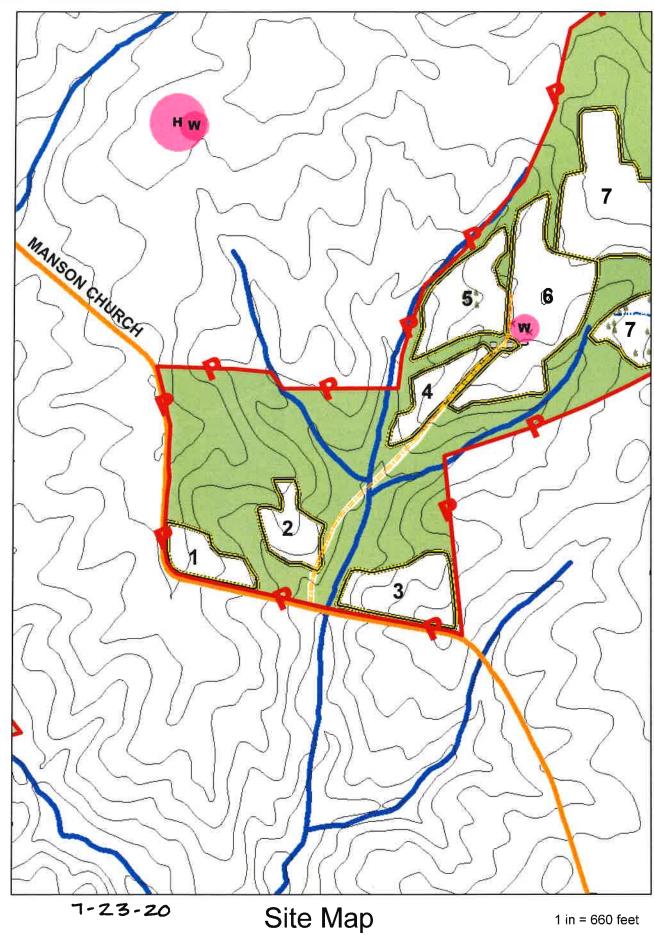
United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Welland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-D26 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

Legend For Site Plan

Symbol	Feature	Minimum Setback
H/W	House and Well	200 feet from occupied dwelling * 100 feet from water supply wells or springs
w	Well or Spring	100 feet from water supply wells or springs
	Streams or Surface Water	35 feet with 35 foot vegetated buffer 100 feet without vegetated buffer
ш	Wet Spot	25
	Trees and Woods	
	Private Drive	
R	Rock Area/Rock Outcrop	25 feet from rock outcrops 50 feet from limestone rock outcrops
Ξ	Severely Eroded Spot	18 Inch minimum depth of soil
S	Sink Hole	100 feet from open sinkholes 50 feet from closed sinkholes
	State Road	10 feet from side of roadway
	Fence / Field Boundary	
_P _ P_ P_	Property Line	100 feet from property line *
SL S	Slope	15% maximum
	Hashed out Area	No application

^{*}Buffer can be reduced or waived upon written consent from landowner.

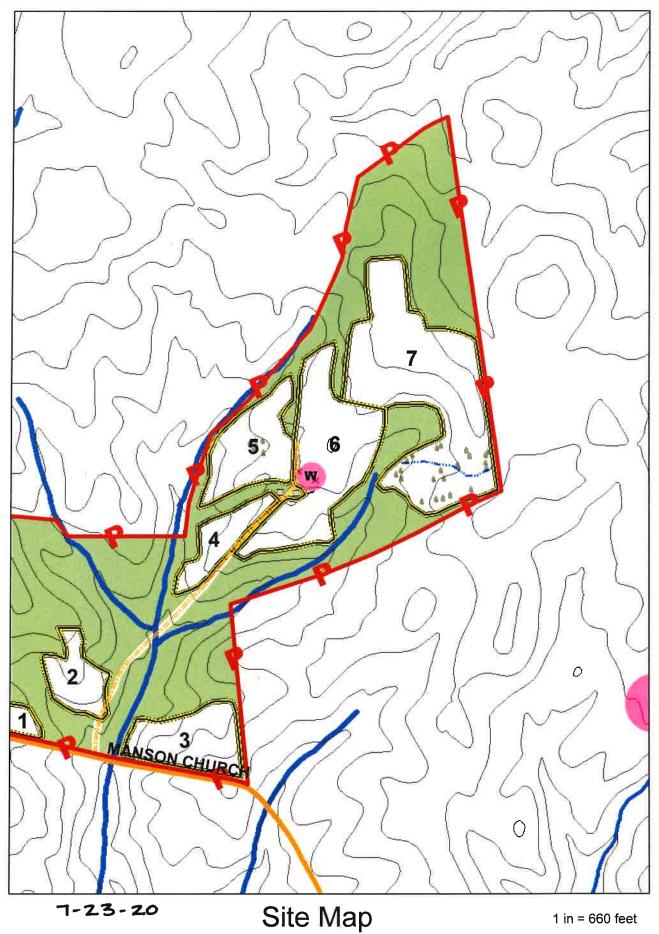






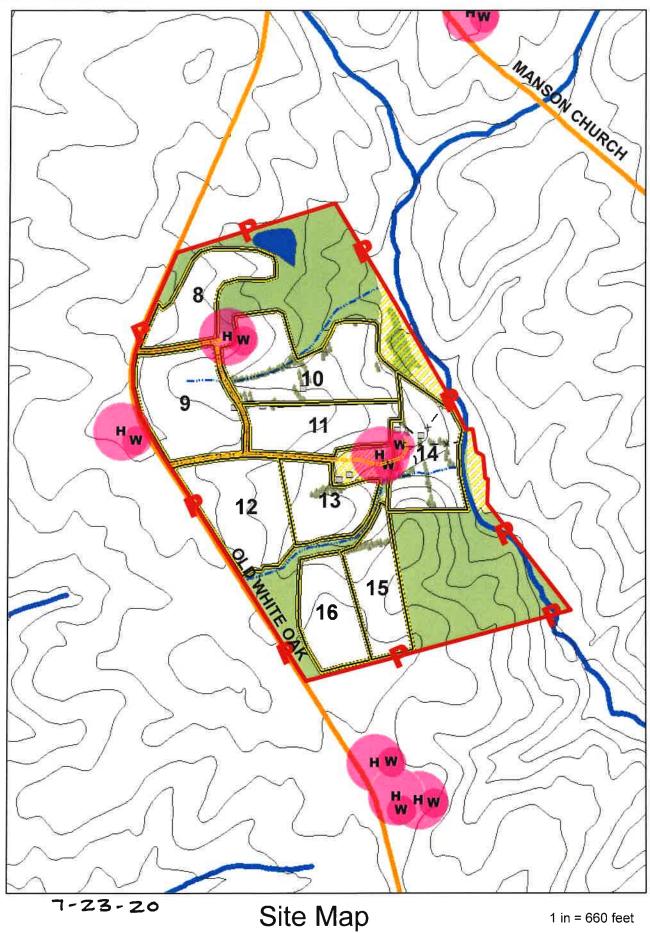
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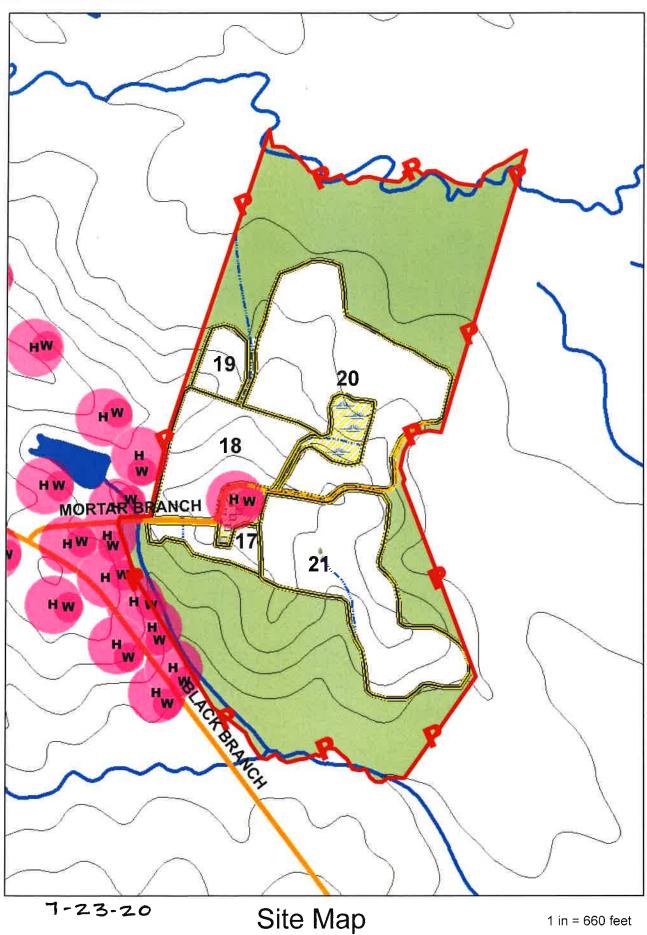




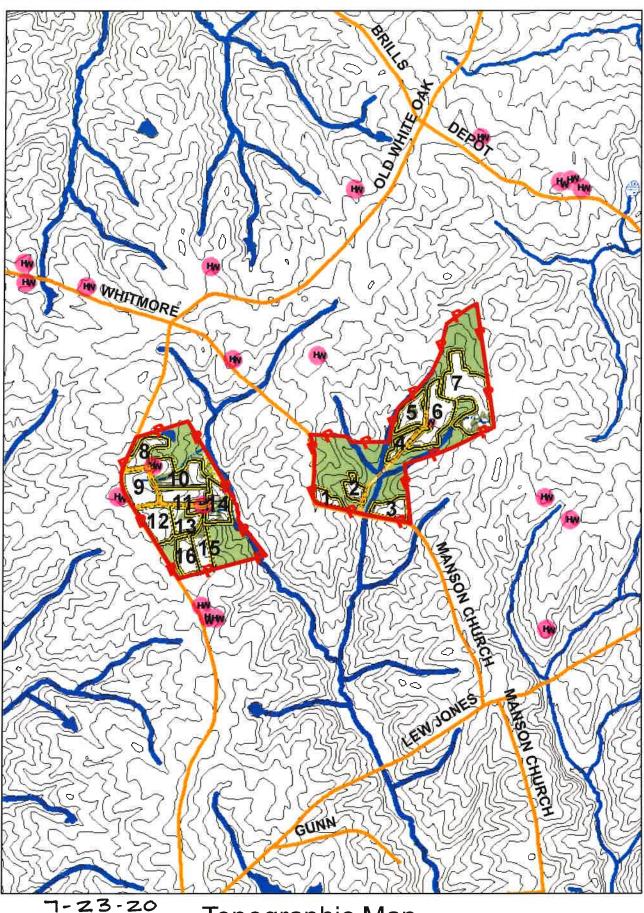
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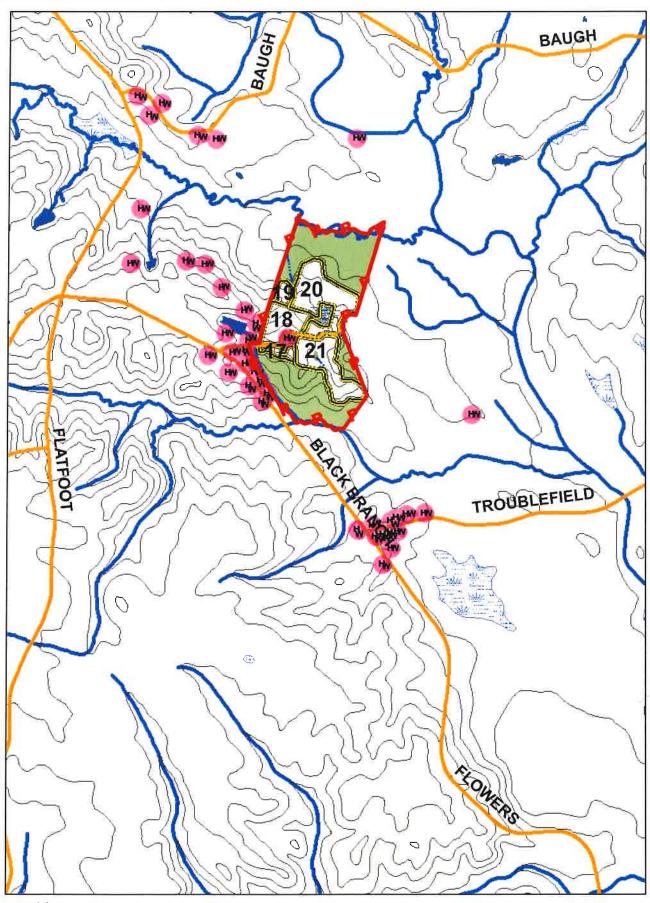














Topographic Map